



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Azienda Ospedaliera 'Santa Maria' Terni - Terni, Italy

General Information



New breast cancer cases treated per year 350

Breast multidisciplinary team members 14

Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Alessandro Sanguinetti, MD

Our Breast Unit deals with surgical treatment of benign and malignant breast diseases. The activity includes surgical oncology demolition (radical and conservative), interventions for malformations to benign and/or inflammatory disease and male breast (gynecomastia and cancer). The collaboration with the Plastic Surgery Department of Santa Maria di Terni Hospital pays particular attention to post-mastectomy breast reconstructive surgery, breast surgery and to remodeling the contralateral symmetrization after conservative surgery. We also carry out cosmetic surgery (breast augmentation, mastopexy and reductive) under professional services. From an organizational perspective, the diagnostic and therapeutic approach is performed in a single defined path by the Multidisciplinary Group. Therapeutic choices and settings of care plans are discussed and shared in weekly meetings. Scientific activity is carried out regularly. We also have set up a working group that deals with the placement of central venous catheters with peripheral insertion echoguided. Its activities are performed in an outpatient department.

Azienda Ospedaliera 'Santa Maria' Terni

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Available services

- ✓ Radiology
- ✓ Breast Surgery
- ✓ Reconstructive/Plastic Surgery
- ✓ Pathology
- ✓ Medical Oncology
- ✓ Radiotherapy

- ✓ Nuclear Medicine
- ✓ Rehabilitation
- ✓ Genetic Counselling
- ✓ Data Management
- ✓ Psycho-oncology
- ✓ Breast Nurses

- ✓ Social Workers
- ✓ Nutritional Counselling
- ✓ Survivorship Groups
- ✓ Sexual Health Counselling
- ✓ Supportive and Palliative Care
- ✓ Integrative Medicine

Radiology

- ✓ **Dedicated Radiologists** 2
- ✓ **Mammograms per year** 3000
- ✓ **Breast radiographers**
- ✓ **Screening program**
- ✓ **Verification for non-palpable breast lesions on specimen**
- ✓ **Axillary US/US-guided FNAB**
- ✓ **Clinical Research**

Available imaging equipment

- ✓ Mammography
- ✓ Ultrasound
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ Magnetic Resonance Imaging 3 Tesla;

Available work-up imaging equipment

- ✓ Computer Tomography
- ✓ Ultrasound
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ PET/CT scan

Primary technique for localizing non-palpable lesions

- Hook-wire (or needle localization)
- Charcoal marking/tattooing
- ✓ ROLL: radio-guided occult lesion localization

Available breast tissue sampling equipment

- ✓ Stereotactic Biopsy (Mammography guided)
 - ✓ Core Biopsy (Tru-cut)
 - ✓ Vacuum assisted biopsy
- ✓ Ultrasound-guided biopsy
 - ✓ Fine-needle aspiration biopsy (FNAB, cytology)
 - ✓ Core Biopsy
 - ✓ Vacuum assisted biopsy
- MRI-guided biopsy
 - Core Biopsy
 - Vacuum assisted biopsy

Breast Surgery

- ✓ **New operated cases per year (benign and malignant)** 350
- ✓ **Dedicated Breast Surgeons** 4
- ✓ **Surgeons with more than 50 surgeries per year** 2
- ✓ **Breast Surgery beds** 6
- ✓ **Breast Nurse specialists** 2
- ✓ **Outpatient surgery**
- ✓ **Intra-operative evaluation of sentinel node**
- ✓ **Reconstruction performed by Breast Surgeons**
- ✓ **Clinical Research**

Primary technique for staging the axilla

- Axillary lymph node dissection
- ✓ Sentinel lymph node biopsy:
 - Blue dye technique
 - Radio-tracer technique
 - ✓ Blue dye + Radio-tracer
- Axillary sampling

Reconstructive/Plastic Surgery

Reconstructive/Plastic surgeons _____ 2

Immediate Reconstruction available _____

Type of breast reconstructive surgery available

- Remodelling after breast-conserving surgery
- Reconstruction after mastectomy:
 - Two-stage reconstruction (tissue expander followed by implant)
 - One-stage reconstruction
 - Autogenous tissue flap
 - Latissimus dorsi flap
 - Transverse rectus abdominis (TRAM)
 - Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
- Surgery on the contralateral breast for symmetry

Pathology

Dedicated Breast Pathologists _____ 2

Available studies

- Cytology
- Haematoxylin & eosin section (H&E)
 - Surgical specimen
 - Sentinel node
 - Core biopsy
- Frozen section (FS)
 - Surgical specimen
 - Sentinel node
- Immunohistochemistry stain (IHC)
 - Estrogen receptors
 - Progesterone receptors
 - HER-2
 - Ki-67

Other special studies available

- Fluorescence in-situ Hybridization for HER-2 gene (FISH)
- Oncotype Dx (21-gene assay)
- MammaPrint (70-gene microarray)
- Prediction Analysis of Microarray 50-gene set (PAM 50)

Parameters included in the final pathology report

- Pathology stage (pT and pN)
- Tumour size (invasive component in mm)
- Histologic type
- Tumor grade
- ER/PR receptor status
- HER-2/neu receptor status
- Peritumoural/Lymphovascular invasion
- Margin status

Medical Oncology

Dedicated Breast Medical Oncologists _____ 3

Outpatient systemic therapy _____

Clinical Research _____

Radiotherapy

Dedicated Radiation Oncologists

Clinical Research

Available techniques after breast-conserving surgery (including experimental)

Whole-Breast RT (WBRT)

Partial breast irradiation (PBI):

External beam PBI

Interstitial brachytherapy

Targeted brachytherapy (MammoSite, SAVI applicator, other devices)

Intra-operative RT (IORT)

Multidisciplinary Meeting (MDM) / Tumour Board (TB)

Regular MDM/TB for case management discussion

Twice a week

Weekly

Every two weeks

Other Schedule

Cases discussed at MDM/TB

Preoperative cases

Postoperative cases

Specialties/services participating in MDM/TB

Radiology

Breast Surgery

Reconstructive/Plastic Surgery

Pathology

Medical Oncology

Radiotherapy

Genetic Counselling

Breast Nurse Service

Psycho-oncology

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

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Radiology

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Breast Surgery

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Andrea Polistena, MD	Staff Surgeon	apolis74@yahoo.it	
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Reconstructive Surgery

Stefano Chiummariello, MD	Plastic Surgeon		
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Pathology

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Tiziana Macciò, MD	Pathologist		
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Medical Oncology

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Radiotherapy

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How to reach us



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By bus or sub-way/underground:

From Terni railway station: take the bus headed to the hospital (scheduled daily every 30 minutes from 7:00 to 22:00).

By car:

From highway E45, exit Terni Ovest, follow directions. It takes 5 minutes to reach the hospital.

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